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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of

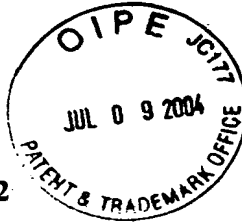
HANAOKA et al

Application Number: 10/600,652

Filed: June 23, 2003

For: CHANNEL ESTIMATION METHOD
FOR A MOBILE COMMUNICATION SYSTEM

Attorney Docket No. NITT.0141



Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

LETTER

TRADE

Sir:

The below-identified communications are submitted in the above-captioned application or proceeding:

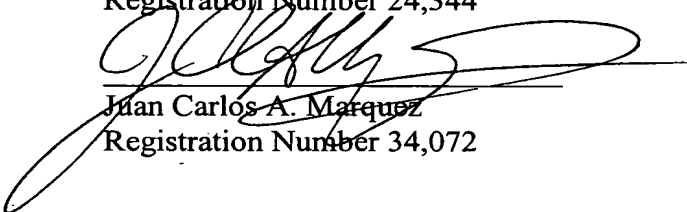
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|--------------------------|--|-------------------------------------|---|
| <input type="checkbox"/> | Priority Document | <input type="checkbox"/> | Verified English Translation |
| <input type="checkbox"/> | Notice of Priority | <input checked="" type="checkbox"/> | Information Disclosure Statement w/refs |
| <input type="checkbox"/> | Response to Missing Parts with executed declaration | <input type="checkbox"/> | Notice of Related Applications |
| | | <input type="checkbox"/> | Check for \$ |

- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. § 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 08-1480**. A duplicate copy of this sheet is attached.

☒

Respectfully submitted,

Stanley P. Fisher
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July 9, 2004

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In re U.S. Patent Application of

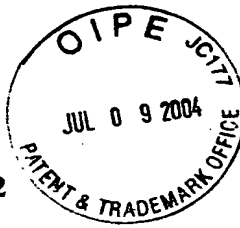
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**Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231**

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, submitted herewith.

CERTIFICATION

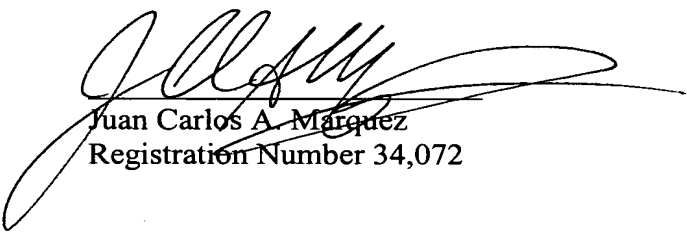
This Information Disclosure Statement is submitted prior to the mailing date of the first Office Action on the merits in the above-identified application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

Stanley P. Fisher
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| Form PTO 1449 | ATTY. DOCKET NUMBER NITT.0141 | SERIAL NUMBER 10/600,652 |
| U.S. Department of Commerce Patent and Trademark Office | APPLICANT Hanaoka et al. | |
| Information Disclosure Statement by Applicant | FILING DATE June 23, 2003 | GROUP |

U.S. Patent Documents

| Examiner Initial | DOCUMENT NUMBER | DATE | NAME | CLA SS | SUBC LASS | FILING DATE |
|---------------------|-----------------|---------|-------------|-----------|--------------|-------------|
| | 5,737,327 | 4/7/98 | Ling et al. | | | 3/29/96 |
| | 5,329,547 | 7/12/94 | Ling | | | 3/11/93 |
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Foreign Patent Documents

| Examiner Initial | DOCUMENT NUMBER | FILING DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION | |
|---------------------|-----------------|-------------|---------|-------|---------------|-------------|----|
| | | | | | | YES | NO |
| | EP 0 955 741 A1 | 11/20/98 | EPO | | | X | |
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Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

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| | European Search Report dated June 2, 2004. |
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| EXAMINER | DATE CONSIDERED |
| <p><i>EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant</i></p> | |